

CERTIFICATION OF GROUNDWATER AVAILABILITY FOR PLATTING FORM

Title 30 Texas Administrative Code (TAC), Section 230.4 (30 TAC 230.4)

Use of this form: The municipal authority pursuant to Texas Local Government Code (TLGC) 212.0101, or a county authority pursuant to TLGC 232.0032, the plat applicant and the Texas licensed professional engineer or Texas licensed professional geoscientist must use this form based on the requirements of 30 TAC Chapter 230 to certify that adequate groundwater is available under the land to be subdivided (if the source of water for the subdivision is groundwater under the subdivision) for any subdivision subject to platting under TLGC 212.004 and 232.001. The form and 30 TAC 230 do not replace state requirements applicable to public drinking water supply systems or the authority of counties or groundwater conservations districts under either Texas Water Code (TWC) 35.019 or TWC Chapter 36.

For any questions regarding this form, contact the TCEQ Water Availability Division, Groundwater Planning and Assessment Team at **gpat@tceq.texas.gov** or by phone at **(512) 239-4600**.



CERTIFICATION OF GROUNDWATER AVAILABILITY FOR PLATTING FORM

Administrative Information, 30 TAC 230.4

- 1. Name of Proposed Subdivision:
- 2. Any Previous Name that Identifies the Tract of Land
- 3. Property Owner's Name(s):

Address:

Phone:

Email:

4. Plat Applicant's Name:

Address:

Phone:

Email:

5. Licensed Professional Engineer or Geoscientist's Information Name:

Address:

Phone:

Email:

Certificate / License Number:

- 6. Location and Property Description of Proposed Subdivision:
- 7. Tax Assessor Parcel Number(s).Book: Map:

Parcel:

Proposed Subdivision Information, 30 TAC 230.5

Purpose of Proposed Subdivision (single family/multi-family residential, non-residential, commercial, other):
If "Other," explain:

- 9. Size of Proposed Subdivision (in acres):
- 10. Number of Proposed Lots:
- 11. Average Size of Proposed Lots (in acres):
- 12. Anticipated Method of Water Distribution (check YES for all that apply): Expansion of Existing Public Water Supply System (PWS): YES NO New (Proposed) PWS: YES NO Individual Water Wells to Serve Individual Lots: YES NO Combination of Methods: YES (Describe methods below) NO
- 13. Additional Information, if required by the municipal or county authority:

Note: If PWS is anticipated, a written application for service for existing water providers with a one-half mile radius must be attached to this form (30 TAC 230.5(f)). Indicate "YES" if the above-mentioned application for service for existing water providers is attached, or N/A if not applicable: YES N/A

Projected Water Demand Estimate, 30 TAC 230.6

- 14. Residential Water Demand estimate at Full Build Out (includes both single family and multi-family residential):
 - a. Number of Proposed Housing Units (single and multi-family):
 - b. Average Number of Persons Per Housing Unit:
 - c. Volume of Water Required Per Person Per Day (gallons):
 - d. Water Demand Per Housing Unit Per Year (acre-feet):
 - e. Total Expected Residential Water Demand Per Year (acre-feet):
- 15. Non-Residential Water Demand Estimate at Full Build-Out (acre-feet/year):
 - a. Type(s) of Non-Residential Water Use(s):

b. Water Demand Per Type Per Year (acre-feet):

- 16. Total Water Demand Estimate at Full Build-Out (acre-feet/year):
- 17. Sources of Information Used for Demand Estimates:

General Groundwater Resource Information, 30 TAC 230.7

18. Identify and describe, using TWDB names, the aquifer(s) that underlie(s) the proposed subdivision:

Note: Users may refer to the most recent State Water Plan to obtain general information pertaining to the state's aquifers. The State Water Plan is available on the TWDB's webpage at: https://www.twdb.texas.gov/waterplanning/swp/index.asp

Obtaining Site-Specific Groundwater Data, 30 TAC 230.8

Answer by checking YES or NO for each of the following questions:

- 19. Have all known existing, abandoned, and inoperative wells within the proposed subdivision been located, identified, and shown on the plat as required under 30 TAC 230.8(b)? YES NO
- 20. Were the geologic and groundwater resource factors identified under 30 TAC 230.7(b) considered in planning and designing the aquifer test required under 30 TAC 230.8(c)? YES NO
- 21. Have test and observation wells been located, drilled, logged, completed, developed, and shown on the plat as required by 30 TAC 230.8(c)(1) (4)? YES NO
- 22. Have all reasonable precautions been taken to ensure that contaminants do not reach the subsurface environment and that undesirable groundwater has been confined to the zone(s) of origin (30 TAC 230.8(c)(5))? YES NO
- 23. Has an aquifer test been conducted which meets the requirements of 30 TAC 230.8(c)(1) and (6)? YES NO
- 24. Were existing wells or previous aquifer test data used? YES NO
- 25. If yes, did they meet the requirements of 30 TAC 230.8(c)(7)? YES NO
- 26. Were additional observation wells or aquifer testing utilized? YES NO

Note: If expansion of an existing public water supply system or a new public water supply system is the anticipated method of water distribution for the proposed subdivision, site-specific groundwater data shall be developed under the requirements of 30 TAC, Chapter 290, Subchapter D (relating to Rules and Regulations for Public Water Systems) and the applicable information and correspondence developed in meeting those requirements shall be attached to this form pursuant to 30 TAC 230.8(a).

Determination of Groundwater Quality, 30 TAC 230.9

- 27. Have water quality samples been collected as required by 30 TAC 230.9? YES NO
- 28. Has a water quality analysis been performed which meets the requirements of 30 TAC 230.9? YES NO

Determination of Groundwater Availability, 30 TAC 230.10

- 29. Have the aquifer parameters required by 30 TAC 230.10(c) been determined? YES NO
- 30. If YES, provide the aquifer parameters as determined, including units as applicable. Or, check here if a. through i. below are not applicable: N/A
 - a. Rate of yield and drawdown:
 - b. Specific capacity:
 - c. Efficiency of the pumped well:
 - d. Transmissivity:
 - e. Coefficient of storage:
 - f. Hydraulic conductivity:
 - g. Were any recharge or barrier boundaries detected? YES NO If YES, please describe:

h. Thickness of aquifer(s):

- 31. Have time-drawdown determinations been calculated as required under 30 TAC 230.10(d)(1)? YES NO
- 32. Have distance-drawdown determinations been calculated as required under 30 TAC 230.10(d)(2)? YES NO
- 33. Have well interference determinations been made as required under 30 TAC 230.10(d)(3)? YES NO
- 34. Has the water quality analysis required under Section 230.9 of this title been compared to primary and secondary public drinking water standards as required under 30 TAC 230.10(e)? YES NO
- 35. Does the concentration of any analyzed constituent exceed the standards? YES NO

If YES, list the constituent(s) and concentration(s) that exceed standards:

Groundwater Availability and Usability Statements, 30 TAC 230.11(a) and (b) Complete the following by filling in the blanks or answering YES/NO as applicable:

- 36. Drawdown of the aquifer at the pumped well(s) is estimated to be feet over a ten-year period and feet over a 30-year period.
- 37. Drawdown of the aquifer at the property boundary is estimated to be feet over a ten-year period and feet over a 30-year period.
- 38. The distance from the pumped well(s) to the outer edges of the cone(s)-ofdepression is estimated to be feet over a ten-year period and feet over a 30-year period.
- 39. The recommended minimum spacing limit between wells is feet with a recommended well yield of gallons per minute per well.
- 40. Available groundwater is of sufficient quality to meet the intended use of the platted subdivision. YES NO
- 41. The groundwater availability determination does not consider the following conditions (identify any assumptions or uncertainties that are inherent in the groundwater availability determination):

Certification of Groundwater Availability, 30 TAC 230.11(c)

Must be signed by a Texas Licensed Professional Engineer or a Texas Licensed Professional Geoscientist.

42. I,

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_Texas Licensed Professional Engineer,

_____Texas Licensed Professional Geoscientist,

license number , based on best professional judgment, current groundwater conditions, and the information developed and presented in this form, certify that adequate groundwater is available from the underlying aquifer(s) to supply the anticipated use of the proposed subdivision.

Signature____

Date

(affix seal)